

UZYIENKO, A.M., inzh.; TKACHENKO, I.A., inzh.; VARSHAVSKIY, P., inzh.;
RABINOVICH, Ye.I., kand.tekhn.nauk; ZAYAKIN, B.I., inzh.;
ZARZHITSKAYA, N.G., inzh.

Improving the structure of the head part in rimmed steel ingots
(with summary in English). Stal' 18 no.10:899-905 O '58.

(MIRA 11:11)

1. Magnitogorskiy metallurgicheskiy kombinat.
(Steel ingots) (Steel--Metallurgy)

ZARZHITSKAYA, N. G.

SOV/133-58-10-11/31

AUTHORS: Uziyenko, A.M., Tkachenko, I.A., Varshavskiy, A.P.,
Engineers and Rabinovich, Ye.I., Candidate of Technical
Sciences, Zayakin, B.I., Zarzhitskaya, N.G., Engineers

TITLE: Improvement in the Structure of the Top Part of Rimmed Steel Ingots
(Uluchsheniye struktury golovnoy chasti slitka kipyashchey
stali)

PERIODICAL: Stal', 1958, Nr 10, pp 899 - 905 (USSR)

ABSTRACT: A study of the mechanism of formation of the microstructure
of the head part of rimming steel ingots and an investi-
gation of methods of decreasing the height of the concen-
trated segregation zone are described. The influence of
the following factors on the structure of ingots was
studied: a) the duration of boiling of the metal in ingot
moulds; b) addition to moulds of fluxes, and c)
additions onto the top of the metal in the moulds of
various deoxidants. Investigations were carried out on
heats of steels 08kp, St1, St2 and St3, chemical com-
positions of which are given in the table. The influence
of the duration of boiling of the metal in moulds on the
distribution of carbon (A), sulphur (B) and phosphorus (V)
along the ingot axis is shown in Figure 2 - that on the
indices of mechanical properties (yield point, tensile

Card1/4

SOV/133-58-10-11/31

Improvement in the Structure of the Top Part of Rirmed Steel Ingots

strength and relative elongation) of metal from the head part of the ingots of St3kp steel in Figure 3 and the influence of the duration of boiling with and without the use of deoxidants on the distribution of carbon, sulphur and phosphorus in the axial zone along the height of ingots of St3 steel .. shown in Figure 4, changes of mechanical properties of metal from the axial zone along the height of ingots and of rolled plate (with various boiling times and with the application of deoxidants) are shown in Figures 5 and 6, respectively. Variation in the distribution of non-metallic inclusions (SiO_2 , MnO and MnS) in the axial zone along the height of ingots of St3kp steel, with various boiling times and with the application of deoxidants are shown in Figure 7. It was found that in order to obtain dense structure of the top part of ingots of steels with low and higher carbon contents, different methods are necessary. An increase of the duration of boiling in ingot moulds and an addition of fluxes on the surface of metal decrease the depth of the position of axial porosity but improve the distribution of segregating elements and plastic properties of the

Card2/4

SOV/133-58-10-11/31

Improvement in the Structure of the Top Part of Rimmed Steel Ingots

of the ingots axial zone of the head part of low-carbon steels 08kp, St1 and St 2. On prolonged boiling of St3 steel, the structure of the head part of ingots improves but simultaneously its external state deteriorates. The use of deoxidants, e.g. 45% ferrosilicon (0.15 - 0.2 kg/t steel) gives in this case satisfactory results. Ingots deoxidised with ferrosilicon possess dense structure and increased plasticity in the head part. During rolling sheets, no laminations are formed. The use of a prolonged boiling and additions of microgranite for low-carbon rimming steel and killing of St3 steel with ferrosilicon permits decreasing standard crop head of ingots by 3-5% without decreasing the quality of the metal in the top part of ingots. There are 7 figures, 1 table and 3 Soviet references.

Card 3/4

SOV/133-58-10-11/31

Improvement in the Structure of the Top Part of Rimmed Steel Ingots

It is stated in the editorial note that the above findings should be additionally confirmed by experiments on a large scale.

ASSOCIATION: Magnitgorskij metallurgicheskiy kombinat
(Magnitogorsk Metallurgical Combine)

Card 4/4

S/737/61/000/000/002/010

AUTHORS: Rabinovich, Ye.I., (1), Lazarev, L.A., (2), Zarzhitskaya, N.G., (2), Skul'skiy, M.K., (2), Kravchenko, V.F., (1). [(1) = Candidate of Technical Sciences; (2) = Engineer].

TITLE: Influence of vibration on the formation and quality of a rimmed-steel ingot.

SOURCE: Stal', sbornik statey. Ed. by A.M. Yampol'skiy. Moscow. 1961, 258-273.

TEXT: It is important to obtain a rimmed ingot with an external skin > 8 mm thick to protect the honeycomb blowholes from oxidation during soaking in pits. High-grade ingots with up to 0.2% C were obtained at plants in the Urals. To accelerate the rate of pouring and to improve the quality further, a vibrator designed by the Moscow Steel Institute was used in experimental castings. An a.c.-motor-driven electric vibrator was mounted on the platform of a 50-ton casting car and was operated at approximately 1,500 cpm and at amplitude which varied from 0.4-0.5 mm to 5-7.5 mm, depending on the elasticity of the track and the change in load on the car. Vibration times varied from 2'45" to 24'20"; test runs were timed at various stages of the casting process, and the capping of the ingots was done

Card 1/3

Influence of vibration on the formation...

S/737/61/000/000/002/010

either immediately after cessation of vibration or some time later. Longitudinal sections were photographed, and samples were cut from the 3, 5, 8, 12, 13, 15, 17, 20, and 25% horizons, as measured from the top of the ingot. Templets were cut for metallography; the templets were deep-etched, sulphur-printed, and chemically analyzed. A detailed description is given of the casting process, and the composition of the test melts is tabulated. The results of the casting of 7-ton ingots at various time rates, with and without vibration, are also tabulated. The character of the rimming of ingots subjected to vibration is shown to be greatly altered, and shortly after commencement of the vibration the rimming becomes violent, to the point of gushing and spraying. Instead of the ordinary peripheral rimming of steel CT.3 (St.3) along the interface of the liquid and solid phase, the vibrated steel rims all over. Contrary to the continuous growth of ordinary ingots, which begins 1-2 min after the pouring is stopped, vibrated ingots sag 30-50 mm, and even up to 100 mm, within 7-8 min and then grow slightly, but never back to their initial level, unless the vibration is stopped prematurely. As to structure, vibration eliminates the ordinarily observed difference between the upper and the lower part of the ingot; however, some tendency toward the formation of layers in the lower part of the ingot is observed. In the ordinary ingots at the plant, the dense external skin is 8-15 mm thick (thicker with slower pouring and with lower Mn content). The length of the honeycomb blowholes is about 80-100 mm, the

Card 2/3

Influence of vibration on the formation...

S/737/61/000/000/002/010

secondary blowholes are spherical and lie at 100-125 mm from the outer surface, forming a vertical lace up to the rising part of the ingot. Vibration causes disappearance of the blowholes, going from the periphery toward the center and thickening the skin. 10-12 min of vibration result in a total disappearance of the blowholes. However, the zone formerly occupied by the primary honeycomb blowholes is always occupied by sparse small, circular, bubbles, 1-4.5 mm dia, some 5-10 mm apart. Macrostructurally, vibration is conducive to a displacement of the shrinkage porosity into the depth of the ingot. Vibration affects the distribution of sulfides only very little. Vibrated ingots have sulfide veins that are the remnants of the now-filled blowholes. Spot-sample analysis at various depths shows that the liquating-element content in the outer zone remains equal or is even increased by the vibration. C, S, and P contents in the outer zone are not appreciably affected by vibration. Both the zone of concentrated liquation and the zone of porosity are displaced toward the center of the ingot. The vibration effect is not limited to the outer zone; it extends to the center of the ingot. The vibration effect is not limited to the outer zone; it extends to the center of the ingot. The vibration effect is not limited to the outer zone; it extends to the center of the ingot.

REFERENCES: None given. No tables; no references.

ASSOCIATION: None given.

Card 3/3

ROZINA, G.Yu.; ZARZHEVSKIY, M.Ya.; VASIL'YEVA, V.A.

Ways to improve the working conditions in the production of
silicon rubber. Kauch. i rez. 24 no.2:38-39 F '65.

(MIRA 18:4)

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DIKSHTEYN, Ye.I.; GONCHAREVSKIY, Ya.A.; ZUTS, K.A.; ANTIPIN, V.G.;
KOZHANOV, M.G.; ZARZHITSKIY, Yu.A.; KULAKOV, A.M.

Mastering the operation of 500-ton open-hearth furnaces on
coke gas and full oil [with summary in English]. Stal'21
no.3:210-214 Mr '61.

(MIRA 14:6)

(Open-hearth furnaces--Combustion)

VORONOV, F.D.; TRIFONOV, A.G.; KHUSID, S.Ye.; DIESHTEYN, Ye.I.; VAL'PITER, E.V.
SNEGIREV, Yu.B.; ANTIPIN, V.G.; Prinimali uchastiye: SMIRNOV, L.A.;
KAZAKOV, A.I.; YELIZAROV, A.G.; KULAKOV, A.M.; KOZHANOV, M.G.;
ZARZHITSKIY, Yu.A.; ARTAMONOV, M.P.; GOL'DENBERG, I.B.; ROMANOV,
V.M.; NOVIKOV, S.M.; MAYEVSKIY, A.B.; DMITRIYEV, I.; MANZHULA, M.;
BEREZOVAY, I.A.; ZUTS, K.A.; BADIN, S.N.; TATARINTSEV, G.;
MITROFANOV, N.G.; GAVRILOVA, K.M.; IVANOV, N.I.

Operating a 400-ton open-hearth furnace on casing-head gas.
Stal' 20 no. 7:594-598 Jl '60. (MIRA 14:5)
(Open-hearth furnaces—Equipment and supplies)

KHUSID, S.Ye., inzh.; ZARZHITSKIY, Yu.A., inzh.; KULAKOV, A.M., inzh.;
KARPOV, A.A., inzh.; KROLENKO, N.A., inzh.; Prinimali uchastiye:
ALIMOV, B.V.; LEONT'YEV, A.I.; BOLOBORODOV, N.M.; KARAGANOV, G.G.;
GUR'YANOV, V.N.; OSOKIN, G.F.; KAYZER, V.G.; SOROKOLETOV, A.M.;
ZLOBIN, V.K.; VIKTOROVA, T.Ye.; SEMENOV, V.A.; VODENNIKOV, V.F.;
SANAYEV, I.K.

Operating a four-zone holding furnace on natural gas with automatic control. Stal' 25 no.5:464-468 My '65.

(MIRA 18:6)

45758

8/194/62/000/012/047/101
D413/D308

9,414.0

AUTHORS: Fryszman, Aleksander and Zarzycka, Ewa

TITLE: The type PWF-3 vidicon

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 12, 1962, 38, abstract 12-3-75 kh (Prace Przemysl.
inst. elektron., v. 1, no. 1, 1960, 3-19 (Pol.; sum-
maries in Eng. and Rus.))

TEXT: The PWF-3 vidicon, basically similar to the Type 6198 and
6326 tubes, has been developed and put into production. The re-
quirements for the sensitivity and inertia of the photoconductive
targets are stated. It is noted that during the development a chan-
ge in resistance was observed during irradiation by the read-out
beam. Specially arranged measurements made it possible to determine
the sign of the current carriers. A brief description is given of
the technique for depositing the photoconductive layer (evaporation
of Sb_2S_3 directly on to the envelope in an inert gas atmosphere)

Card 1/2

The type PWF-3 vidicon

S/194/62/000/012/047/101

D413/D308

and of the vacuum treatment of the tube as a whole. The peculiarities of the light characteristics under various conditions (various temperatures and voltages on individual electrodes) are considered in detail. A video signal of $0.1 \mu\text{A}$ is obtained with a target illumination of the order of 100 lux and a voltage of 32 V on the signal plate. Under operating conditions the signal/noise ratio is 39.2 - 41.5 dB, resolving power 450-500 lines, number of gradations of grey on the image 7, residual signal 77 - 84%. By selection three variants of the vidicon are distinguished, PWF-3A, PWF-3B and PWF-3C, intended respectively for studio, outside-broadcast and industrial cameras. Development is starting on new types of vidicon in which the front window is fused on through a layer of indium. / "Abstracter's note: Complete translation. /

Card 2/2

"APPROVED FOR RELEASE: 03/15/2001

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APPROVED FOR RELEASE: 03/15/2001

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Fusarium species isolated from flax (*Linum usitatissimum L.*)
Acta agrobot 12:185-206 '62.

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CIA-RDP86-00513R001963910005-7

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Research on flax rust (*Melampsora lini* [Pers.] Lev.). Rocznik nauk
roln rosl 81 no.1:229-251 '60. (HEAI 9:10)
(Poland--Flax)
(Poland--*Melampsora lini*)

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CIA-RDP86-00513R001963910005-7"

ZARZYCKA, Maria

The case of filter vesicle bursting after fistular operation in a patient suffering from glaucoma. Klin. oczna 32 no.3:285-286 '62.

l. z Kliniki Ocznej AM w Warszawie Kierownik: prof. dr med.
S. Altenborger.

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JELJASZEVICZ, Janus.; CYBULSKA, Janina; MUDZYNOWSKA, Jozefa; JAKOBKIEWICZ, Julia; ZARZYCKA, Zofia; CZARKOWSKA-PKLCZYNSSKA, Halina.

An epidemic of pharyngitis caused by *Streptococcus pyogenes* type 12. Przegl. epidemiol. 19 no.1:83-86 '65

1. Z Zakladu Bakteriologii Państwowego Zakladu Higieny, Stacji Sanitarno-Epidemiologicznej dla m. st. Warszawy i Dzielnicowej Stacji Sanitarne-Epidemiologicznej Warszawa-Ochota.

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1. Z Kliniki Dermatologicznej Akademii Medycznej w Krakowie
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no. 7, Apr. 1958.

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(ICHTHYOSIS in inf & child) (INFANT NEWBORN dis)

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in the guinea pig mammary gland during lactation. Folia morphol
21 no.1:117-120 '62

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1. Department of Histology and Embryology, Veterinary Faculty,
College of Agriculture, Wroclaw, and Laboratory of Anthropo-
zoonoses of the Department of Parasitology, Polish Academy of
Sciences, Wroclaw.

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1. Z Instytutu Immunologii i Terapii Doswiadczonej PAN im.

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(STAINS AND STAINING)

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Dowiadczalnej PAN im. L. Hirszfelda we Wrocławiu Kierownik:
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(HEART anat & histol) (TISSUE CULTURE)

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A. Klisiecki. Z Zakładu Histologii i Embriologii A.M. we
Wrocławiu, Kierownik: prof.dr Z.Sembratowa.
(KINETEYS metab)
(GLUCOGEN metab)
(GLUCOSE metab)
(EPINEPHRINE pharmacol)

ZARZYCKI, Jan

SURNAME, Given Names

(2)

Country: Poland

Academic Degrees: [not given]

Institute of Histology and Embryology of the Medical Academy
(Zaklad Histologii i Embriologii AM [Akademia Medyczna]).

Affiliation:

Warsaw; Director (Kierownik): Prof Dr Z Sembratowa

Source:

Warsaw, Postepy Higieny i Medycyny Doswiadczennej, Vol XV,
No 5, September-October 1961, pp 541-598

Data:

"Histochemical and Submicroscopic Investigations of the
Secretion of the Mammary Gland."

GPO 981643

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(TRICHINOSIS pathol)

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Danuta; KOCHMAN, Marian; PERYT, Alina; CZECHOWICZ, Kazimierz.

The metabolic gradient of the development of the embryonic
chick heart. Postepy hig.med.dosw. 17 no.6:689-698 N-D'63.

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L.Hirschfelda we Wrocławiu.

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Voivodeship. Gosp wodna 24 no. 1: 24-27 Ja '64.

ZARZYCKI, Henryk

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Wiad. lek. 18 no.16:1315-1322 15 S '65.

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Some remarks on experimental plant sociology. Wszechnict
no.11:271-272 N°6".

MATEJA, Oswald, mgr inz.; ZARZYCKI, Lech, art. plast (Gliwice)

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'63.

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Gliwice, i główny konstruktor Zakładów Kostrukcyjno -
Mechanicznych Przemysłu Węglowego, Gliwice.

ZARZYCKI, Maciej

Testing piston and rotator feeders for hydraulic coal
transportation. Gornictwo Gliwice no.3:105-119 '61.

ACC NR: AP7003920

(A)

SOURCE CODE: P0/0034/67/000/001/0013/0014

AUTHOR: Zarzycki, R. (Master engineer)

ORG: none

TITLE: An active damping system for the variable component of electric signals in measuring applications

SOURCE: Pomiary, automatyka, kontrola, no. 1, 1967, 13-14

TOPIC TAGS: damping, electric signal, electric measuring instrument, transistorized device, circuit design

ABSTRACT: A new method is presented for filtration of the variable component of electric signals involving frequencies of the order of signal cps, and use of the technique for measuring the direct voltage component by means of an automatic potentiometer is shown. The method is based on "capture" of the variable component, its 180° phase reversal, and its recycling to a selected point of the system, i.e., the compensation of the variable component by its equivalent in the opposing phase. The characteristics of filtration are derived and presented in mathematical and graphical form. A diagram of a transistorized device for measuring the direct voltage component is given. The method is applicable to many measuring problems involving low frequency interference, by selection of appropriate filter elements.

Orig. art. has: 10 formulas and 5 figures.

SUB CODE: 09/ SUBM DATE: none

Card 1/1

UDC: 621.317.35

GLOWINSKI, Mieczyslaw; NORSKA, Irena; SAMOCHOWIEC, Eugeniusz;
ZARZYCKI, Stefan

Indications for cesarean section and its effects on the neonatal
period of the infant. Wiad. lek. 18 no.9:753-758 1 My '65.

1. Z J Kliniki Położnictwa i Chorób Kobiecych Śląskiej AM w Zabrzu
(Kierownik: prof. dr. med. M. Glowinski).

ZBIESZCZYK, Halina; ZARZYCKI, Stefan

Brucellosis under the form of Bang's disease in pregnancy.
Pol. tyg. lek. :O no.16:576-577 19 Ap '65.

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Zabrze (Kierownik: prof. dr. med. Mieczysław Glowinski).

SOV/24-59-2-18/30

AUTHOR: Zarya, Sh. (Bucharest)

TITLE: Spiral Motion of a Liquid with Suspended Deposits in a Straight Tube of Square Cross-Section (Vintovoye dvizheniye zhidkosti so vzveshennymi nanosami v pryamoy trube kvadratnogo secheniya)

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Energetika i avtomatika, 1959, Nr 2, pp 114-119 (USSR)

ABSTRACT: This type of motion (Fig 1) was described by M. V. Potapov (Ref 2), who expressed it by the formula (1) (where v_y and v_z - velocity components along the coordinates) and by B. A. Pushkin (Ref 3), who deduced the formula (2) (where $k = \text{const}$). Since the motion is continuous and k is constant, therefore it can be expressed by the components (3). Thus the formula (4) can be defined and its solution obtained from Eqs (5), (6) and (7). The curve of distribution of longitudinal velocities corresponding to Eq (5), agrees with the experimental results. However, the experimental distribution of component velocities v_y and v_z corresponds to Eq (6) if the latter is multiplied by $\sqrt{2}$. It means that the motion under discussion is not a continuous spiral flow. It can be shown that this flow comprises also a cross

Card 1/4

SOV/24-59-2-18/30

Spiral Motion of a Liquid with Suspended Deposits in a Straight Tube
of Square Cross-Section

circulation. The calculation in this case can be based on
the formulae (8) and (9), where:

$$E = -\frac{p}{\rho} + \frac{v^2}{2} + gz$$

Thus the component velocities will be defined as Eq (10).
Since Eq (11) can be deduced for the continuity (where
 $\phi = \phi(y, z)$), therefore $v_x = v_x(\phi)$ can be determined
from Eq (9) and the ratio w_x/v_x depends only on ϕ
(Eq 12). Finally, after the transformations Eqs (13) to
(17) the formulae defining the components v_y and v_z
are shown as Eq (19). These agree with experimental re-
sults. The angle φ of the flow deflection from the
longitudinal axis and the mean axial velocity can be obtained

Card 2/4

SOV/24-59-2-18/30

Spiral Motion of a Liquid with Suspended Deposits in a Straight Tube
of Square Cross-Section

from Eq (19). The differential equation of the particle's motion, as defined by Eq (1), can be written as Eq (20). Thus, Eq (21) can be defined when $\varphi y/a = \alpha$, $\varphi z/a = \beta$. In order to integrate Eq (21), it can be written in the form of Eq (22). By taking $\cos \beta = u(\alpha)$ (Eq 23), Eq (22) becomes a linear differential equation (24), or,

generally, Eqs (25) and (26) where C_1 is the constant of integration. An approximate solution of Eq (21) is quoted in Ref 3 as Eq (27). The curve defined by Eq (26) has a circular shape (Eq 28), the radius R of which can be obtained from Eqs (29) and (30). It is illustrated in Fig 2 by continuous lines (while the dotted lines represent that from Ref 3). The calculation was performed for $a = 1$, $\varphi = 20^\circ$, $A = 0.01\dots 0.3$. The relative accuracy δ_r was calculated from the formula:

$$\delta_r = \frac{R_1 - R_2}{R_1} 100 = \frac{1/2A\varphi}{1 - A/\varphi} 100$$

Card 3/4

SOV/24-59-2-18/30

Spiral Motion of a Liquid with Suspended Deposits in a Straight Tube
of Square Cross-Section

The results are tabulated in the table in the middle of p 118. Another example is shown in Fig 3 ($a = 1$, $A = 0.1$, and $\phi = 10 - 40^\circ$) and in the table at the foot of p 118. The amount of the suspended matter can be determined from Eq (31), where A and ϕ are found from Eqs (32) and (33) and the angle ϕ from Eq (34). Fig 5 illustrates the relationship of A and ϕ as determined from Eqs (33) (curve 2) and from Ref 3 (curve 1). The relative accuracy in this case is given at the foot of p 119. There are 5 figures, 3 tables and 7 Soviet references.

SUBMITTED: August 6, 1958.

Card 4/4

ZARYANOV, N. V.

Tekhnika Razboynykh Lamp (The Technology of Dismountable Tubes, by)
P. N. Andreyev (1) N. V. Zaryanov. Moskva, Svyaz'izdat, 1959.
111 p. Illus., diagrs., tables. Bibliography: p. 109-110.

9(4)

SOV/111-59-6-9/32

AUTHOR: Zaryanov, N.V., Engineer

TITLE: To Speed-Up the Introduction of Demountable Tubes
into Service

PERIODICAL: Vestnik svyazi, 1959, Nr 6, pp 9-10 (USSR)

ABSTRACT: The article deals with the advantage of demountable tubes as compared with the powerful sealed-off tubes, and points out the necessity of designing new types of such tubes. During the last 25 - 30 years, the experience in designing these tubes was greatly increased, mostly due to the works of A.L. Mints, A.M. Kugushev, P.N. Andreyev, S.A. Zusmanovskiy, N.I. Oganov, and others. At the present time, demountable tubes of RG-500, 20-S-300, and RGM-500 types are in general use. The experience shows that the use of these tubes is advisable for high-power radio stations. Their widespread use, however, was impeded by the failure of the Glavnaya radioupravlyayushchaya Ministerstva svyazi SSSR (Main Radio Administra-

Card 1/2

SOV/111-59-6-9/32

To Speed-Up the Introduction of Demountable Tubes into Service

tion of the USSR Ministry of Communications) and the Gosudarstvennyy komitet Soveta Ministrov SSSR po radioelektronike (State Committee for Radio-Electronics of the USSR Council of Ministers) to push forward the development of the tubes, and their introduction into service. In conclusion, the author states that new types of these tubes ought to be designed and put into service during the next 1-2 years, including a 500-kw (or above) tube for short, medium, and long wave bands, and a 10 - 15-kw tube for television and uhf transmitters, with low anode voltage (6-10 kv), and other required parameters.

Card 2/2

MIMINOVSHVILI, S.Ya.; RUKHADZE, T.I.; KUZNETSOVA, N.Kh.; MEBONYAY, L.E.;
DEKANOZISHVILI, M.Ya.; KALANDIYA, N.G.; ZARZHETSKAYA, A.S.

Active detection of glaucoma among the rural inhabitants of the Abkhazian
A.S.S.R.. Vest. oft. 73 no. 3:28-30 My-Je '60. (MIRA 14:1)
(ABKHAZIA-GLAUCOMA)

EXCERPTA MEDICA Sec 7 Vol 10/10 Pediatrics Oct 56

ZARZYCKA H., MARGOLIS A. and PACANOWSKA M. 2. Klin. Chorób Dzieci A. M., Łódź. • Przyczynek do leczenia ropniaków oplucnej streptokinazą i streptodornazą. A contribution to the treatment of pleural empyemas by means of streptokinase and streptodornase PEDIAT. POL. 1955, 30/12 (1145-1152) Illus. 13
Distreptase (streptokinase + streptodornase) has been administered in 5 cases of pleural empyemas in children. It was given 2 or 3 times with intervals of 2 to 5 days in doses from 2,000 U. SK plus 500 U. SD up to 10,000 U. SK plus 2,500 U. SD. On the whole the children tolerated the drug well. The side-effects in 3 cases were transitory. The medicinal effect was very good. The conclusion is that distreptase shortens considerably the period of treatment of pleural empyemas.

(VII, 15)

KAPUSCINSKA, W.; LUKASIEWICZ, J.; MOKRZYCKA, H.; ZARZYCKA, H.

Case of congenital tuberculosis in an infant. Pediat. polska
31 no.1:59-63 Jan 56.

1. Z II Kliniki Chorob Dzieci AM w Lodzi Kier: prof. dr. med.
Fr. Redlich; i z Zakladu Anatomii Patolog. AM w Lodzi. Kier:
prof. dr. med. A. Pruszcynski, Lodz, Armii Czerwonej 15.
(TUBERCULOSIS, in infant and child,
congen (Pol))

Zarzycka, H.

ERECINSKI, K.; ZARZYCKA, H.

Clinical course of Heine-Medin disease with special reference to epidemic in Lodz and Lodz region in 1951. Pediat. polska 27 no. 7: 785-800 July 1952. (CIML 22:4)

1. Of the First Pediatric Clinic (Head--Prof. S. Popowski, M. D.) and of the Second Pediatric Clinic (Head--Prof. F. Rodlich, M. D.), Lodz Medical Academy.

ZARZYCKA, H.; MARGOLIS, A.; PACANOWSKA, M.

Treatment of pleural empyema with streptokinase and streptodornase.
Pediat. polska 30 no.12:1145-1152 Dec 55.

l. Z II Kliniki Chorob Dzieci A.M. w Lodzi. Kierownik: prof. dr.med.
Fr. Redlich. Lodz, Armii Czerwonej 15.

(EMPYEMA, PLEURAL, ther.
streptodornase & streptokinase)
(STREPTODORNASE AND STREPTOKINASE, ther. use)
empyema, pleural)

ZARZECZNA H. II.
(704)

Klin. Chorob dziecięcych A.W. Lekc. Opis kliniczny przebiegu choroby Heinego i Medina z uwzględnieniem epidemiologii podczas epidemii w 1951 roku w Łodzi i woj. łódzkim Clinical description of the course of Heine-Medin disease and its epidemiology during epidemic in 1951 in Łódź and the Łódź province Pediat. polska 1952, 27/7 (735-800) Graphs 1 Tables 6

The report is based on 145 cases in children. In no case was a hospital infection noted. There was no evidence of the role of food, flies or water (bathing rivers) as possible sources of infection. In only one case might contaminated fruits have been incriminated. Most cases occurred late in summer and early in autumn, the age group from 1 to 3 years being the most frequently affected. All 145 cases were admitted with various degrees of paralysis, mostly of the lower extremities. The ascending form of the disease was observed in 8 cases. There was 6 deaths from the disease, 38 left hospital completely recovered, 61 were discharged with great improvement, 32 with improvement, while 5 cases showed no improvement.

Anigstein - Galveston (X, 7, 3)

SO: EXCERPTA MEDICA, VOL. 6, NO. 2, SECTION VIII February 1953

ZARZYCKA H.

KAPUSCINSKA, W.; MARGOLIS, A.; ZARZYCKA, H.

Thoracic cyst with intestinal texture in a 3-month-old infant.
Pediat. polska 29 no.8:810-818 Aug 54.

1. z II Kliniki Chorob Dzieci Akademii Medycznej w Łodzi. Kierownik:
prof. dr med. Fr. Redlich i z Zakładu Anatomii Patologicznej Akademii
Medycznej w Łodzi. Kierownik: prof. dr med. A. Pruszczyński.

(THORAL, cysts,
in inf., intestinal texture of cystic tissue)

(CYSTS,
thorax, in inf., intestinal texture of cystic tissue)

BARTOSIK, A.; GOLKA-OPALINSKA, B.; KOWALSKI, K.; ZARZYCKA, H.

Application of thermal therapy in Heine-Medini disease. Pediat
pol 29 no.1:61-70 Ja '54. (EVAL 3:8)

1. Z II Kliniki Chorob Dziecięcych Akademii Medycznej w Łodzi.
Kierownik: prof. dr med. Fr. Redlich. (Otrzymano: 19.IX.1953)

(POLIOMYELITIS, therapy,

*thermal ther.)

(BALNEOLOGY, in various diseases,

*polio., thermal ther.)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963910005-7

ZARZYCKA, HELENA

KUBERSKI, Zdzislaw, Lodz, Armii Czerwonej 15; ZARZYCKA, Helena;
ZELIGOWSKA, Irena

Guillain-Barre syndrome in children. Pediat. polska 29 no.11:
1071-1088 Nov 54.

1. Z II. kliniki chorob dziecięcych Akademii Medycznej w Łodzi
Kierownik: prof. dr. med. Fr. Redlich. Z kliniki chorob nerwowych
Akademii Medycznej w Łodzi. Kierownik: prof. dr. med. E. Herman.
(GUILLAIN-BARRE SYNDROME, in infant and child)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963910005-7"

BESKID, Miroslaw; ZARZYCKA, Maria

A case of onkocytoma of the lacrimal gland. Klin.oczna 29
no.3:311-315 '59.

1. Z Zakladu Anatomii Patologicznej Kierownik: prof. dr med.
L. Paszkiewicz Z Kliniki Ocznej A. M. w Warszawie Kierownik:
prof. dr med. W. H. Melanowski.

(ADENOLYMPHOMA case reports)
(LACRIMAL APPARATUS neopl)

ZARZYCKA, N.

Poland/Pharmacology. Toxicology. Drugs of Enzyme Nature. V-7

Abs Jour : Ref Zhur-Biol., No 6, 1958, 28138

Author : Zarzycka N., Margolis A., Pacanowska M.

Inst : Not given

Title : On the Problem of Therapy of Empyema with Streptokinase and Streptodornase.

Orig Pub : Pediatr. polska, 1955, 30, No 12, 1145-1152.

Abstract : Streptokinase (I) and streptodornase (II) obtained from the filtrate of a colony of hemolytic streptococci of group A in combination with antibiotics were applied in 5 cases of empyema in children 6 months to 7 years old. As indicators for the administration of I and II were the inability to clear the pleural cavity by drainage or puncture and a

Card 1/2

Poland/Pharmacology. Toxicology. Drugs of Enzyme Nature. V-7

Abs Jour : Ref Zhur-Biol., No 6, 1958, 28138.

Abstract : protracted pneumothorax, which made difficult the straightening of the lung. In all cases a positive effect was obtained. The diluted exudate was resorbed and removed. Improvement set in within a few days; recovery in 2 weeks to a month. The authors recommend to leave the preparation in the pleural cavity for a period not longer than 8 hours. The number of administrations must be limited in view of the possibility of the formation of antistreptolysins. The side effects (apathy, sleepiness, vomiting, rash, high temperature) are explained by the absorption of the toxic products of the decomposition connected with the lytic action of the preparation.

Card 2/2

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963910005-7

ZARZYCKI, I.

POLAND

"'Inmet' Oil as a Lubricant for Hot Tin Plating of Iron Sheets," by J. FORYST, J. MADEJSKI, and I. ZARZYCKI; Prace Instytutu Ministerstwa Hutnictwa, Gliwice, No. 1, 1955.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963910005-7"

ZARZYCKI, J.

POLAND/Human and Animal Morphology (Normal and Pathological). Lymphatic System. S-4

Abs Jour: Ref Zhur Biol., No 16, 1958, 74345

Author : Zarzycki, Jan

Inst :

Title : On the Question of Certain Details of the Histological Structure of Palatine Tonsils.

Orig Pub: Zool. polon., 1956 (1957), 7, No 4, 423-432

Abstract: Orifices of tonsillar crypts open on the surface of tonsils. A part of the crypts first fuses and opens with a common opening. Sometimes, in the tissue of tonsils, muscles are observed, which are distributed circularly in respect to the crypts. Incoming ducts of mucous glands of poritonsillar tissue of tonsils may open into the crypts. -- V. G. Zaytsevskaya

Card : 1/1

PYTASZ, Marian; ZARZYCKI, Jan; SZCZUDLOWSKA, Grażyna

Renal glucose and glycogen in rabbits in urethane anesthesia under
the influence of insulin. Acta physiol Pol 12 no.5:661-671 '61.

1. Z Zakladu Fizjologii AM we Wrocławiu Kierownik: prof. dr A. Kłasiecki
Z Zakładu Histologii i Embriologii WSR we Wrocławiu Kierownik: prof.
dr J. Zarzycki.

(INSULIN pharmacol) (URETHANE anesth & analg)
(KIDNEYS metab) (GLUCOSE metab) (GLYCOGEN metab)

JANKOWSKI, Wiktor; ZARZYCKI, Jan; HANDZEL, Leon

Formation of peritonsillar abscesses; preliminary communication.
Otolaryngol. polska 10 no.3-4:389-393 1956.

1. Z Kliniki Otolaryngologicznej A.M. we Wrocławiu, Kierownik:
prof. dr. W. Jankowski. Z Zakładu Histologii i Embriologii A.M.
we Wrocławiu Kierownik: prof. dr. Z. Sembratowa, Wrocław,
Chalubinskiego 2.

(TONSILS, abscess,
peritonsillar (Pol))

EXCERPTA MEDICA Sec.13 Vol.4/5 Pub. Health, Etc. May 58

ZARZYCKI, J.

1836. A LITTLE-KNOWN METHOD OF SELF-DEFENCE BY THE HOST INVADED
BY TRICHINA - Nieznany sposób samoobrony żywiciela przy zarazeniu
włośniami - Zarzycki J. Zakł. Histol. i Embriol. Akad. Med., Wrocław - ACTA PARASITOL. POL. 1957, 4/8-19 (619-626) Illus. 6

This method of struggle of the organism against the invasion of parasites depends upon the vacuolization of certain muscular fibres to which larvae have entered. The larvae finding no suitable conditions under which they might develop and probably also on account of a higher osmotic pressure in the vacuole grow shorter and thinner till at last they die out and are reabsorbed. This phenomenon may be due to the reaction of the organism of the host to a very high degree of invasion by Trichina.

ZARZYCKI, Ryszard, mgr inż.

Techniques of high-accuracy strain gauge measurements. Techn
letn 19 no.10/11:284-288 O-N '64.

1. Institute of Aeronautics, Warsaw.

POLAND / Cultivated Plants. Fruits, Berries,
Nutbearing, Teas.

M-6

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6428
Author : Zarzycki, Kazimierz
Inst : Not given
Title : Dwarf Cherry or Steppe Cherry
Orig Pub : Chronmy przyr. ojcz., 1958, 14, No 1, 13-20

Abstract : No abstract given

Card 1/1

137

ZARZYCKI, K.

ZARZICKI, K. Investigations concerning the amplitude of underground water of more important meadow regions in the valley of the upper Vistula River. p. 6,

Vol. 9, no. 5, May 1956

GAZETA OBSERWATORA, F.I.H. M.

SCIENCE

Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, Feb. 1957

ZARZYCKI, K.

Meadow associations and the ground-water level. p. 181.
(BULL. SOC. POL. BOTANIKI. Vol. 4, no. 5, 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (FEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

ZARZYCKI, K.

TECHNOLOGY

PERIODICAL: GOSPODARKA WODNA, VOL. 18, no. 11, Nov. 1958.

ZARZYCKI, K.: The appearance of new plant groups in the water reservoir in Goczalkowice. p. 502.

Monthly List of East European Accessions (EEAI) LC Vol. no. 4 April, 1959, Unclass.

KLEBANOWSKI, Jerzy; KALIESKA, Melania; SŁOMSKA, Irena; ZASADA, Danuta

Treatment of early tuberculosis of large joints in children by
means of antibiotics applied topically. Chir.narz.ruchu 25 no.2:
161-165 '60.

1. Z Sanatorium im. J. Krasickiego w Otwocku. Ordynator: dr
J. Klebanowski.
(TUBERCULOSIS OSTEOARTICULAR in inf.& child.)

AIKIEWICZ, J.; ZASADA, K.

Effect of antibiotic action of *Trichophyton farinulatum* on morphological variation of *Trichophyton radiolatum*. *Przegl. derm.*, Warsz. 1 no.2: 151-158 Sept 1951. (CLML 23:2)

1. Of the Dermatological Department (Head--Docent J. Alkiewicz, M.D.) of Poznan Municipal Hospital No.1.

ZASADYCH, B. I.

ZASADYCH, B. I. -- "Pneumatic Backfilling Processes and Their Most Advantageous Parameters for Conditions in the Kuzbasa." Sub 11 Jun 52, All-Union Sci Res Coal Inst (Dissertation for the Degree of Candidate in the Technical Sciences)

SO: VECHERNAYA MOSKVA, JANUARY-DECEMBER 1952

ZASADYCH, B.I.

KUZ'MICH, A.S., redaktor; BARABANOVA, F.A., redaktor; BOBROV, I.V., redaktor;
VLADIMIRSKIY, V.V., redaktor; GRAFOV, L.Ye., redaktor; DOKUXIN, A.V.,
redaktor; YERASHKO, I.S., redaktor; ZABLUDSKIY, G.P., redaktor; ZADE-
MIDKO, A.N., redaktor; ZAYTSEV, A.P., redaktor; ~~ZASADYCH, B.I.~~, redak-
tor; KAGAN, F.Ya., redaktor; KRASNICKOVSKIY, G.V., redaktor; KRYVONOGOV,
K.K., redaktor; LALAYANTS, A.M., redaktor; MELAMED, Z.M., redaktor;
MINDELI, E.O., redaktor; MOGILEVSKIY, N.M., redaktor; OSTROVSKIY, S.B.,
redaktor; POPOV, T.T., redaktor; SKOCHINSKIY, A.A., redaktor; SKURAT,
V.K., redaktor; SOBOLEV, G.G., redaktor; STUGAREV, A.S., redaktor;
SUMCHENKO, V.A., redaktor; TERPIGOROV, A.M., redaktor; SHEVYAKOV, L.D.,
redaktor; SHEIKOV, A.A., redaktor; ANDREYEV, G.G., tekhnicheskij redaktor

[Safety regulations in coal and shale mines] Pravila bezopasnosti v
ugol'nykh i slantsevykh shakhtakh. Moskva, Ugletekhizdat, 1953. 226 p.
(MIRA 8:4)

1. Russia (1923- U.S.S.R.) Ministerstvo ugol'noy promyshlennosti.
(Coal mines and mining--Safety measures)

ZASADYCH, B.I.

LALAYANTS, A.M., redaktor; ABRAMYAN, A.A., redaktor; ORIBERMAN, I.D.,
redaktor; DOKUKIN, A.V., redaktor; ZASADYCH, B.I., redaktor;
IVANENKO, G.I., redaktor; LETOV, N.A., redaktor; MELAMED, Z.H.,
redaktor; LIVSHITS, I.I., redaktor; LOKSHIN, V.A., redaktor;
MONIN, G.I., redaktor; SUMCHENKO, V.A., redaktor; TOPCHIEV, A.V.,
redaktor; SHEVALDIN, A.S., redaktor; SUROVA, V.A., redaktor;
ANDREEV, G.G., tekhnicheskiy redaktor; PROZOROVSKAYA, V.L.,
tekhnicheskiy redaktor.

[Material and equipment used in the coal industry] Materialy i
oborudovaniye, primeniamye v ugol'noy promyshlennosti; spravochnik
Moskva, Ugletekhizdat. Vol.1 [Material---Wholesale prices in effect
as of July 1, 1955] Materialy. Pt. 1.1955. 736 p. -- Obtpvyc tseny,
vvedenyye s 1 iul'ya 1955. g. 192 p. [Microfilm] (MLRA 9:1)
(Coal mining machinery) (Coal mines and mining)

IALAYANTS, A.M., redaktor; ABRAMYAN, A.A., redaktor; GUBERMAN, I.D., redaktor,
DOKUNIN, A.V., redaktor; ZASADYCH, B.I., redaktor; IVANEKHO, G.I., re-
daktor; LETOV, H.A., redaktor; MIRIMED, Z.H., redaktor; LIVSHITS, I.I.,
LOKSHIN, V.A., redaktor; MONIN, G.I., redaktor; SUMCHENKO, V.A., redak-
tor; TOPCHIYEV, A.V., redaktor; SHEVALDIN, A.S., redaktor; SIROVA, V.A.,
redaktor; ANDREYEV, G.G., tekhnicheskiy redaktor; PROZOROVSKAYA, V.L.,
tekhnicheskiy redaktor.

[Materials and equipment used in the coal industry; a reference manual]
Materialy i oborudovanie, primenyaemye v ugol'noi promyshlennosti;
spravochnik. Moskva, Ugletekhizdat. Vol.1.[Materials] Materialy. Pt.2.
1955. 544 p. (MIRA 9:5)

(Coal mines and mining--Equipment and supplies)

ZASADYCH, B.I.

LALAYAETS, A.M., glavnnyy redaktor; ABRAMYAN, A.A., otvetstvennyy redaktor;
GUHERMAN, I.D., redaktor; DOKUKIN, A.V., redaktor; ZASADYCH, B.I.,
redaktor; LETOV, N.A., otvetstvennyy redaktor; LIVSHITS, I.I.,
redaktor; LOKSHIN, V.A., redaktor; MELAMED, Z.M., redaktor; MONIN,
G.I., redaktor; SUMCHENKO, V.A., redaktor. TOPCHIYEV, A.B., redak-
tor; SHIVALDIN, A.S., redaktor; YEGURNOV, G.P., redaktor; LYUBIMOV,
N.G., redaktor iudatel'stva; ANDREYEV, G.G., tekhnicheskiy redaktor;
PROZOROVSKAYA, V.L., tekhnicheskiy redaktor.

[Material and equipment used in the coal industry; a reference
manual] Materialy i oborudovanie, primeniamye v ugol'noi pro-
mishlennosti; spravochnik. Moskva, Ugletekhizdat. Vol.2. [Equip-
ment] Oborudovanie. Pt.1. 1956. 455 p. (MLRA 107)

(Coal mines and mining—Equipment and supplies)

ZASADYCH, B. I.

LALAYANTS, A.M., redaktor; ABRAMYAN, A.A., redaktor; GUBERMAN, I.D., redaktor;
DOKUKIN, A.V., redaktor; ZASADYCH, B.I., redaktor; LETOV, N.A.,
redaktor; LIVSHITS, I.I., redaktor; LOZHIN, V.A., redaktor; MELAMED,
Z.M., redaktor; MONIN, G.I., redaktor; SUMOCHENKO, V.A.; TOPCHIYEV, A.V.,
redaktor; SHEVALDIN, A.S., redaktor; YEGURNOV, G.P., redaktor;
LYUBIMOV, N.G., redaktor izdatel'stva; PROZGOROVSKAYA, V.L., tekhnicheskiy redaktor

[Materials and equipment used in the coal industry; a reference manual]
Materialy i oborudovanie, primeniamye v ugol'noi promyshlennosti;
spravochnik. Moskva, Ugletekhnizdat. Vol.2. [Equipment] Oborudovanie.
Pt.2. 1957. 485 p. (MIRA 10:9)
(Coal mining machinery)

ZASADYCH, B.I.,
LALAYANTS, A.M., glavnnyy red.; ABRAMYAN, A.A., red.; GUBERMAN, I.D., red.;
DOKUKIN, A.V., red.; ZASADYCH, B.I., red.; LETOV, N.A., red.;
LIVSHITS, I.I.; LOKSHIN, V.A.; MEJAMED, Z.M.; MONIN, O.I.; SUMCHENKO,
V.A.; TOPCHIYEV, A.V.; SHEVALDIN, A.S.; YEGURNOV, G.P., red.;
LYUBIMOV, N.G., red.ind-va; PROZOROVSKAYA, V.L., tekhn.red.

[Materials and equipment used in the coal industry; a handbook]
Materialy i oborudovaniye, primeniamye v ugol'noi promyshlennosti;
spravochnik. Moskva, Ugletekhnizdat. Vol.2. [Equipment] Oborudovanie.
Pt.3. 1957. 655 p. (MIRA 11:2)

(Coal mines and mining—Equipment and supplies)

SOV-118-58-9-3/19

AUTHORS: Zasadych, B.I. and Zy whole, O.A., Engineers

TITLE: Mechanization and Automation of Basic Production Processes
Above Ground in the Donbass Mines (Mekhanizatsiya i avtomatizatsiya osnovnykh proizvodstvennykh protsessov na poverkhnosti shakht Donbassa)

PERIODICAL: Mekhanizatsiya trudoyemkikh i tyazhelykh rabot, 1958,
Nr 9, pp 10-13 (USSR)

ABSTRACT: Above ground installations in a majority of the Donbass mines do not comply with modern requirements. Above ground constructions were built during pre-war or even pre-revolutionary times. Many transloading operations are still effected by manual labor. In the USSR, for every 1,000 ton of coal mined above ground, 177 workers are employed, at the Donbass - 216, in the USA - 41, in Western Germany - 68, and in France - 95 workers. At present, the sovnarkhozes of the Ukrainian Donbass are taking measures to introduce new equipment in mines which will mechanize and automatize above ground production processes. The article presents a

Card 1/2

SOV-118-58-9-3/19

Mechanization and Automation of Basic Production Processes Above Ground
in the Donbass Mines

detailed description of various automation and mechanization
means which will be introduced at the Donbass coal-field,
thereby reducing the number of workers by 20 to 25,000.
There are 4 schematic drawings.

1. Coal industry--USSR 2. Mines--Equipment

Card 2/2

28(1)

SOV/118-59-4-14/25

AUTHORS: Zasadych, B.I., and Zyun'zya, O.N., Engineers

TITLE: The Development of Automation in the Coal Industry

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, 1959,
Nr 4, pp 39-41 (USSR)

ABSTRACT: The following labor consuming processes in the coal industry are being mechanized: the breaking down, piling and loading of coal at faces; transportation; processing; the loading of coal into railway cars, and other operations in mines and on the surface. At the same time, automation is being introduced only in the control of certain machines, such as ventilation and pump installations, winches, endless rope haulages, lifting gears and conveyer lines. In spite of certain progress, automation in 1957 included only 30% of all ventilation installations, 20% of all pumping mechanisms, 10% of all conveyer lines, 8% of all endless rope haulages, 7.8% of all waste pile winches, and 5.5% of all skip hoisting mechanisms.

Card 1/3

SOV/118-59-4-14/25

The Development of Automation in the Coal Industry

Investigations carried out by the Donetskiy otdel instituta "Giprougleavtomatizatsiya" (the Donets Branch of the "Giprougleavtomatizatsiya" Institute), in co-operation with workers of coal enterprises of Stalinskij sovnarkhoz (the Stalino Sovnarkhoz), have proved that although a considerable number of mines have been furnished with automated apparatus, they are not being utilized. Deficient designs, poor quality of apparatus and assembly work are the reasons for the insufficient use of automation. The Konotopskiy zavod "Krasnyy Metallist" (Konotop plant "Krasnyy Metallist") for instance, produces unreliable automatic cut-out switches type PMR-1 and PMR-2, capacity relays of the RP-1 type, thermorelays type TR-200, valves type VU-1, floating mercury level transmitters "DPU-1", servo drives of oil rheostats, and intensifiers. Moreover, the "Krasnyy Metallist" Plant does not furnish all necessary spare parts. Utterly inadequate is the automation of industrial processes in concentration plants. Some plants have introduced

Card 2/3

SOV/118-59-4-14/25

The Development of Automation in the Coal Industry

only remote control, while automatic control of concentration processes is completely lacking. In mining, the main task is to develop extracting combines which will ensure the mechanization of support setting operations, a prerequisite for the introduction of complete automation in stoping areas. It is of utmost importance to speed up the developing of efficient automatic control systems and designs and the production of equipment and apparatus for the most labor consuming operations on the surface, in concentration plants, in underground conveyances and in stoping areas. The author concludes that the effectiveness of automation depends primarily on how labor consuming the process to be automated is.

Card 3/3

ZASADYCH, B.I., kand.tekhn.nauk

Haulage-chain strength of scraper conveyors. Ugoi' 34 no.3:
37-40 Mr '59.
(Conveying machinery)

SOV/118-59-3-20/22

28(1)

AUTHOR: Zasadych, B.I., Candidate of Technical Sciences

TITLE: Mechanization of Underground Work in the Mines of France
(Mekhanizatsiya podzemnykh rabot na shakhtakh Frantsii)

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, 1959,
Nr 3, pp 58-61 (USSR)

ABSTRACT: This article analyzes briefly the state of mechanization
in French coal mines. There are 6 photographs and 5
tables.

Card 1/1

ZASATYCH, B.I., inzh.; ZYUN'ZYA, O.A., inzh.

Mechanization and automation of basic surface operations at
mines located in the Donets Basin. Mekh. trud. rab. 12
no.9:10-13 S '58. (MIRA 11:10)

(Donets Basin--Coal mines and mining)
(Automation)

ZASADYCH, B.I., kand.tekhn.nauk

Use of compressed air power for underground and surface coal
conveying. Ugol' 37 no.11:38-41 N '62. (MIRA 15:10)
(Pneumatic conveying) (Mine haulage)

DOKUKIN, Aleksandr Viktorovich, prof., zasl. deyatel' nauki i tekhniki, doktor tekhn.nauk; SEMENOV, V.M., kand. tekhn. nauk; ZASADYCH, B.I., kand. tekhn.nauk; KORABLEV, A.A., kand. tekhn. nauk; NADION, M.F., otv. red.; D'YAKOVA, G.B., red. izd-va; MINSKER, I., tekhn. red.; PROZOROVSKAYA, V.L., tekhn. red.

[Use of compressed air in mining] Primenenie szhatogo vozdukha v gornoj promyshlennosti. Moskva, Gosgortekhizdat, 1962.
(MIRA 15:9)
347 p.

(Mining engineering) (Compressed air)

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CIA-RDP86-00513R001963910005-7

ZASADYCH, B.I., kand.tekhn.nauk

Automation of the hydraulic transportation. Ufpol' 37 no.1:24-
(MIRA 15:2).

27 Ja '62.

(Hydraulic conveying)
(Automatic control)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963910005-7"

KAPELYUSHNIKOV, German Isaakovich; KLITSUNOV, Viktor Igant'yevich;
MANEVICH, Veniamin Fayvovich; PANKRATOV, Yu.A., inzh., retsen-
zert.; ZASADYCH, B.I., retsenzert; FEDOTOV, A.N., otv. red.;
OKHRIHENKO, V.A., red. izd-va; IL'INSKAYA, G.M., tekhn. red.

[Safety measures in underground coal mining] Tekhnika bezo-
pasnosti pri podzemnoi dobystche uglia. Moskva, Gos. nauchno-
tekhn. izd-vo lit-ry po gornomu delu, 1962. 503 p.
(MIRA 15:4)

(Coal mines and mining--Safety measures)
(Coal miners--Diseases and hygiene)

BRATCHENKO, E.F., red.; ZABLODSKIY, G.P., red.; BARABANOV, F.A., red.;
BABOIN, I.A., red.; BARANOV, A.I., red.; VYSOTSKIY, P.I., red.;
DREMAYLO, P.G., red.; ZASADYCH, B.P., red.; ZVENIGORODSKIY, G.Z., red.;
KAGAN, F.Ya., red.; LEVITSKIY, Ya.B., red.; LOTAREV, N.I., red.;
MARCHENKO, M.G., red.; MITROFANOV, M.B., red.; PAKHALOK, I.F., red.;
SHELIKOV, A.A., red.; RYKOV, N.A., red. izd-vu; IL'INSKAYA, G.M.,
tekhn. red.

[Safety rules for working in briquetting and preparation plants]
Pravila bezopasnosti pri vedenii rabot na briketnykh i obogatitel'-
nykh fabrikakh. Izd.2. Obiazatel'nyy dlia vsekh organizatsii i
predpriiatii ugol'noi promyshlennosti. Moskva, Ugletekhizdat, 1958.
(MIRA 11:7)
62 p.

1. Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym
vedeniym rabot v promyshlennosti i gornomu nadzoru.
(Coal preparation—Safety measures) (Briquets (Fuel))